Applicant: Kreutzer et al.

Attorney's Docket No.: A2038-706120/
Serial No.: 10/612.179

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Serial No.: 10/612,179 Filed: July 2, 2003

Page : 2 of 11

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1-3. (Canceled)

4. (Currently amended) An isolated oligoribonucleotide consisting of two separate non-linked complementary oligoribonucleotide strands (dsRNA),

wherein the dsRNA is 21 nucleotides base pairs in length,

wherein the dsRNA does not comprise a full length RNA transcript of a mammalian target gene,

wherein one strand of the dsRNA is complementary to less than the full length of an RNA transcript of said mammalian target gene,

and wherein the dsRNA specifically inhibits the expression of said mammalian target gene.

5. (Canceled)

- 6. (Previously presented) The dsRNA of claim 4, wherein the RNA transcript is a primary or a processed RNA.
- 7. (Previously presented) The dsRNA of claim 4, wherein said dsRNA is modified so as to be resistant to RNA degradation.
- 8. (Previously presented) The dsRNA of claim 4, wherein said one strand of said dsRNA is fully complementary to less than the full length of an RNA transcript of a mammalian target gene.

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RIB001.3USD4

Serial No.: 10/612,179 Filed: July 2, 2003

Page : 3 of 11

9. (Previously presented) The dsRNA of claim 4 or 8, wherein said two separate complementary strands are fully complementary to each other.

10-15. (Canceled)

16. (Currently amended) An isolated oligoribonucleotide consisting of two separate complementary oligoribonucleotide strands (dsRNA), wherein said separate RNA strands are chemically linked wherein the dsRNA is 21 nucleotides base pairs in length, wherein the dsRNA does not comprise a full length RNA transcript of a mammalian target gene,

wherein one strand of the dsRNA is complementary to less than the full length of an RNA transcript of said mammalian target gene, and

wherein the dsRNA specifically inhibits the expression of said mammalian target gene.

- 17. (Previously presented) The dsRNA of claim 16, wherein said chemical linkage is formed by a covalent bond or hydrogen bond.
- 18. (Previously presented) The dsRNA of claim 16, wherein said one strand of said dsRNA is fully complementary to less than the full length of an RNA transcript of a mammalian target gene.